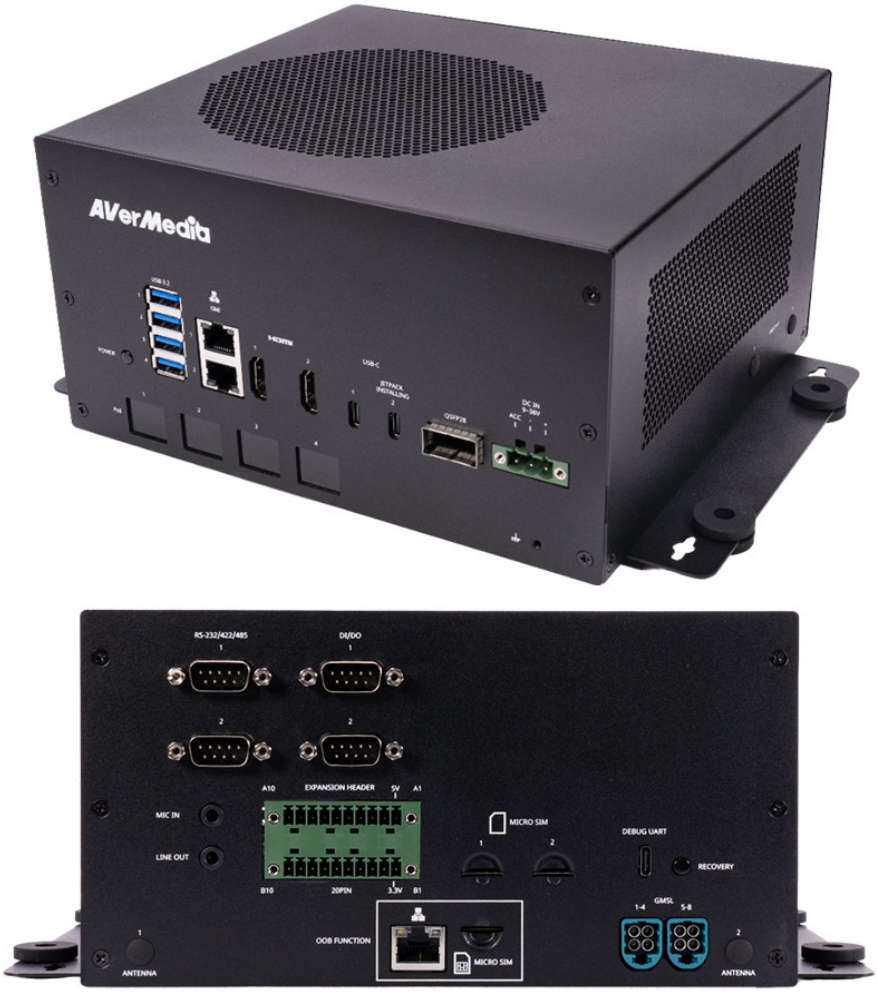

8499.00 EUR
incl. 19% VAT, plus shipping

- NVidia Jetson Thor T5000 !
- FANLESS !

- Embedded NVIDIA Jetson T5000
- 2x GbE RJ-45
- 1x QSFP (4× 25 GbE)
- 1x M.2 Key E 2230 for WIFI 6
- 1x M.2 Key B 3350 for 4G/5G
- 2x M.2. key M 2280 for SSD
- 1x mPCIe for GNSS
- 4x CAN BUS & 4 x PWM
- 2x HDMI 2.0 (3840x2160 at 60Hz)
- 1 x USB-C (remove DP Alt mode), USB-PD 3.1
- 4x USB 3.2 Type-A
- 1x 120pin for GMSL camera board
- 1x JTAG
- Optional 8x PoE & 8xUSB (via daughter board)
- Operating temperature: -25 to 50°C (BOX PC)
- Dimension: W: 211mm x L: 194mm x H: 115mm

AVerMedia's D331ATB equips powerful NVIDIA Jetson T5000™/Jetson T4000™. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.
D331ATB is designed for the industry applications with spatial concern and feature a rich assortment of I/O ports for rapid AI-based

solution development and seamless deployment as required by demanding business applications.
AVerMedia supports businesses of all sizes and offers customizable BSP services, flexible MoQ, in addition to NVIDIA's JetPackTM SDK.

Model	**D331ATB**
Type	BoxPC
NVIDIA Module Compatibility	NVIDIA Jetson T5000
Networking	•2x GbE RJ-45 (OOB on board, one port is NCSI) •1x QSFP for 4x25GbE •1x M.2 key E 2230 for wifi 6 •1x M.2 Key B for 5G 2x SIM Slot for 4G/5G module dual sim support
Display Output	2 x HDMI output (3840 x 2160 at 60Hz)
Temperature	Operating temperature: -25 to 50°C Storage temperature -40°C ~ 85°C Relative humidity 40 °C @ 95%, Non-Condensing
Camera Inputs	1x 120pin for GMSL camera board
USB	1x USB 3.2 Type-C for BSP install 1x USB 3.1 Type-C 4x USB 3.2 Type-A Optional 8x USB3.2 Type-A (via daughter board)
Audio	2x 3.5mm phone jack for Mic in & line out.
Storage	2x NVMe M.2 Key M 2280 1x NVMe M.2 Key M 2280 x2 PCIe Gen5 (8xPoE, 8xUSB board, either one) 1x NVMe M.2 Key M 2280 x4 PCIe Gen5
TPM	TI SLB9672XU2.0 on board

Expansion	2x10 Euro Terminal Block (1x CAN-FD (Isolated 3KV), 3x CAN-FD with Transceiver, +5V output 1A , +3.3V output 1A,UART, I2C) IO Board COMx1 & DB9 DI/DO - UART to RS232/RS485/RS422 (DIP switch for programable) -4xDI/4xDO with 20mA driver IO Board COMx1 & DB9 DI/DO: -UART to RS232/RS485/RS422 (DIP switch for programable) -4xDI/4xDO with 20mA driver 2x 5-pin JTAG connector 1x 40pin coaxial connector for PCIe expansion (daughter board 8xPSE/8xUSB) Samtec 240P Board to Board (PCIe x8 / RGMII /VDD_9~12V / USB 3.0/USB 2.0/GPIOs /I2C (Via Daughter board)
GPS	1xmPCIe for Optional Dual-RTK GNSS support (via daughter board)
Sensor	Temperature sensor for PCB top/bot Temperature measure Terminal block 3Pin & Mini-fit 6pin (Internal)
Power requirement	9~36V DC Input ACC IN / IGN Control (ACC optional, via switch)
Thermal Solution	1x SOM FAN 2x Chassis Fan (12V fan wafer)
Buttons	Power and Recovery
LED	1x system power 1x input power
RTC Battery	Support RTC battery and battery life monitoring by MCU
PCB/Electronics Mechanical Info	• W: W: 211mm x L: 194mm x H: 115mm • Weight: 3KG (TBD)
Certifications	CE, FCC, VCCI, KC (TBD)
	1x Carrier board
Package	Screws Nuts